"
AI is revolutionizing industries worldwide, creating an urgent demand for engineers who can develop and implement intelligent systems. This program offers an in-depth curriculum that equips students with both foundational AI principles and advanced technical skills in areas such as machine learning, data analytics, and embedded systems.
"

DR. SENNUR ULUKUS
PROGRAM CONTENT ADVISOR, DEPARTMENT CHAIR OF ELECTRICAL & COMPUTER ENGINEERING, AND DISTINGUISHED UNIVERSITY PROFESSOR

TOP ENGINEERING ARTIFICIAL INTELLIGENCE ROLES

- Artificial Intelligence Engineer
- Software Engineer
- Data Engineer
- Data Scientist
- Natural Language Processing Engineer
- Machine Learning Engineer
- User Experience Developer
- Artificial Intelligence Architect

A. JAMES CLARK
SCHOOL OF ENGINEERING

The A. James Clark School of Engineering is a catalyst for impactful research, innovation, and learning, providing students the resources to be engaged problem-solvers and entrepreneurial thinkers. Pursue a degree tailored to your career interests through the top-ranking Maryland Applied Graduate Engineering programs.

DON'T WAIT TO FURTHER YOUR CAREER

MARYLAND APPLIED GRADUATE ENGINEERING

FOR MORE INFORMATION
We welcome your interest. For complete information, including course descriptions, deadlines, and schedules please contact us.

WEBSITE: **mage.umd.edu**
TEL: **855-309-8379**
EMAIL: **mage@umd.edu**

GRADUATE ENGINEERING DEGREES IN

ENGINEERING ARTIFICIAL INTELLIGENCE

Analyze and design "smart" engineered devices and systems.

DON'T WAIT TO FURTHER YOUR CAREER

Discover how Maryland Applied Graduate Engineering (MAGE) programs prepare you to solve the most daunting engineering challenges and give you a competitive edge in today's market.

- Focus on a specialized area of engineering and target course-work to your interests.
- Learn from industry leaders who incorporate the latest education tools to create collaborative, interactive learning environments.
- Balance work and family through the flexibility of online or in-person classes.
- Access student services online to quickly receive the support you need regarding admissions, financial aid, or career services.

A leader in graduate engineering education for professionals, we are proud to serve the region's engineering community. Through our programs, advance your career with a degree from the A. James Clark School of Engineering, consistently ranked among the top 20 in the U.S. Located just a few miles from Washington, D.C., Maryland Engineering is at the center of a constellation of high-tech companies and federal agencies, offering students and faculty access to unique professional opportunities.

ENGINEERING ARTIFICIAL INTELLIGENCE AT MARYLAND

Artificial Intelligence Engineering at Maryland Applied Graduate Engineering offers a cutting-edge curriculum designed to prepare students for the forefront of AI innovation. This interdisciplinary program blends foundational knowledge in engineering, statistical inference, and machine learning with specialized courses in areas such as Generative AI, Robotic Intelligence, Deep Learning, and Ethical and Sustainable AI. Students will gain the skills to design intelligent systems capable of learning from data and adapting autonomously.

With access to the University of Maryland's world-class facilities and faculty leading AI initiatives, the program fosters innovation in areas like large language models, cloud computing, and industrial AI. By combining academic rigor with hands-on learning, Engineering Artificial Intelligence equips graduates with the tools to shape the future of intelligent systems and drive transformative change across industries.

GRADUATE PROGRAMS IN ENGINEERING ARTIFICIAL INTELLIGENCE

Maryland Applied Graduate Engineering programs in Engineering Artificial Intelligence are offered in-person or online and are designed for engineering professionals who have a passion for the ground-breaking field of artificial intelligence. The **Graduate Certificate in Engineering** program in Engineering Artificial Intelligence, earned in as little as one year, meets the needs of engineering professionals looking to obtain additional credentials in artificial intelligence. The certificate requires completion of four foundational graduate-level courses, and certificate credits can be applied to the **Master of Engineering** degree. **The Master of Engineering** in Engineering Artificial Intelligence takes an interdisciplinary approach and emphasises both theory and practical applications, ensuring graduates are ready to tackle real-world challenges in industries like automotive systems, data engineering, and medical signal processing. The Engineering AI program is a collaborative effort across the Clark School. Students will have the flexibility to tailor their curriculum through the selection of applied technical electives towards their background and interests.

ADMISSION REQUIREMENTS

- A bachelor's degree in a STEM field from an accredited institution
- GPA of 3.0 or better
- Two letters of recommendation (M.Eng. applicants only)
- Unofficial copies of transcripts
- For international students: an official English proficiency score report
- Official GRE scores considered but not required
- Completed applications considered for admission on a case-by-case basis

DEGREE REQUIREMENTS

MASTER OF ENGINEERING
- 10 courses (30 Credits)
- No thesis / no research
- No comprehensive exam

GRADUATE CERTIFICATE IN ENGINEERING
- 4 courses (12 credits)

FOR MORE INFORMATION
Visit mage.umd.edu/engineering-artificial-intelligence or scan here for more specific requirements, available courses, and degree planning sheets.

APPLICATION DEADLINES

ON-CAMPUS DOMESTIC
FALL July 31
SPRING December 15
SUMMER May 15

ON-CAMPUS INTERNATIONAL
FALL March 8
SPRING September 24

ONLINE DOMESTIC AND INTERNATIONAL
FALL July 31
SPRING December 15
SUMMER May 15

TAKE THE NEXT STEP

Are you ready to take the next step in your engineering career journey? Explore program options, application requirements, and deadlines through virtual and in-person open house sessions.

TO LEARN MORE, VISIT
mage.umd.edu/engineering-artificial-intelligence